Reply to Office Action of May 12, 2010

## **ABSTRACT**

An evaporator includes a refrigerant inlet header and a refrigerant outlet header arranged side by side in a front-rear direction, and a refrigerant circulating passage holding the headers in communication. The inlet and outlet headers are provided with caps forming refrigerant inlet and refrigerant outlet, the caps are joined to a pipe joint member having refrigerant inlet and outlet portions in communication with the refrigerant inlet and outlet, the caps or the pipe joint member is provided with a positioning lug which is projecting from its side edge toward the other one and which is fitted with a positioning recess formed in the other one, and the caps and the pipe joint member have flat surfaces to be contact with each other and are brazed such that the lug is engaged with the recess and that the flat surfaces are in contact with each other.

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